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(54) Title: ETHANOL PRODUCTION

(57) Abstract: This invention relates to ethanol production as a product of bacterial fermentation.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	C12N15/60	C12N15/53	C12P7/06	C12P7/56	C12N9/04
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, BIOSIS, STRAND, EMBASE, PASCAL, EMBL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HARTLEY, B. S. ET AL: "Development and economics of a novel thermophilic ethanol fermentation" BIOTECH 83, pages 895-905, XP000999813 London paragraph spanning pages 896/897 page 896, paragraph 3 ---	1-20, 22-25
Y	US 5 916 787 A (BARBOSA-ALLEYNE MARIA D F ET AL) 29 June 1999 (1999-06-29) the whole document ---	1-20, 22-25 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	INGRAM L O ET AL: "Metabolic engineering of bacteria for ethanol production." BIOTECHNOLOGY AND BIOENGINEERING, vol. 58, no. 2-3, 20 April 1998 (1998-04-20), pages 204-214, XP000999111 ISSN: 0006-3592 the whole document, especially the passage bridging pages 207/208 ---	1-20, 22-25
Y	PAYTON, M. A. : "Production of ethanol by thermophilic bacteria" TRENDS IN BIOTECHNOLOGY, vol. 2, no. 6, 1984, pages 153-158, XP000999007 the whole document page 155 ---	1-20, 22-25
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